AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claims,

Claim19 (currently amended) An in vitro buccal dissolution test, comprising the steps of:
a) passing a release medium through a filtration cell having an outlet connected to a flow-through uv cell;
b) adding a test sample to ~~said~~ the filtration cell;
c) passing ~~said~~ the release medium through ~~said~~ the cells such that any undissolved portion of ~~said~~ the test sample is transferred out of ~~said~~ the filtration cell;
d) removing samples of ~~said~~ the release medium from ~~said~~ the flow-through uv cell, using the filtration cell such that ~~said~~ the samples of ~~said~~ the release medium do not contain any undissolved material;
e) maintaining the temperature of ~~said~~ the flow-through uv cell at the desired temperature for the duration of ~~said~~ the dissolution test;
f) analyzing ~~said~~ the samples of ~~said~~ the release medium from ~~said~~ the flow-through uv cell to determine the concentration of substance dissolved from ~~said~~ the test sample;
g) optionally, repeating ~~said~~ the step of analyzing ~~said~~ the samples of ~~said~~ the release medium at multiple time during the duration of ~~said~~ the dissolution test;
wherein ~~said~~ the dissolution test is performed using apparatus comprising:
A) a supply of ~~said~~ the release medium ~~that can be continuously passed into said cell~~;
B) a means for transferring solid particles out of ~~said~~ the filtration cell;
C) a means of mixing ~~said~~ the sample and ~~said~~ the release medium;
wherein ~~said~~ the solid particles are of small particle size.

Claim 20 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein the flow rate of ~~said~~ the release medium and volume of liquid in the flow-through uv cell is constant throughout ~~said~~ the dissolution test, further provided that ~~said~~ the flow rate of ~~said~~ the release medium, the temperature of ~~said~~ the release medium, ~~said~~ the volume of liquid in ~~said~~ the flow-through uv cell, and the amount of ~~said~~ the test sample are adjusted to give physiologically relevant conditions.

Claim 21 (currently amended) The buccal dissolution test method of claim 19, wherein ~~said~~ the release medium is a fluid of physiological relevance.

Claim 22 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein ~~said~~ the release medium is selected from the group consisting of water, simulated saliva, and buffer solutions.

Claim 23 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein ~~said~~ the test sample comprises an active substance used in the pharmaceutical industry.

Claim 24 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein ~~said~~ the test sample has an objectionable taste.

Claim 25 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein ~~said~~ the means for transferring ~~said~~ the particles out of ~~said~~ the cell comprises tubing of internal diameter of 0.5 to 3.0mm, and wherein ~~said~~ the solid particles are carried through ~~said~~ the tubing by the flow of ~~said~~ the release medium.